

What is claimed is:

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1. An electro-optical unit of a helmet comprising:
a pair of transparent substrates comprising a resin,
each of said transparent substrates having a curved
surface; and
an electro-optical modulating layer provided between
said transparent substrates to provide said helmet with a
shield comprising said electro-optical modulating layer and
said transparent substrates,
wherein information is displayed on said shield.

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2. The unit of claim 1 wherein said information
comprises a speed.

3. The unit of claim 1 wherein said helmet is used for
an auto-bicycle.

4. The unit of claim 1 further comprising an active
matrix circuit between said transparent substrates.

5. The unit of claim 4 wherein said electro-optical
modulating layer comprises a liquid crystal.

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6. The unit of ~~claim 4~~ wherein said electro-optical modulating layer comprises an EL.

Subt a2
7. An electro-optical unit of a helmet comprising:
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said helmet with a shield comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said shield.

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8. The unit of ~~claim 7~~ wherein said information comprises a speed.

9. The unit of claim 7 wherein said helmet is used for an auto-bicycle.

10. The unit of claim 7 further comprising an active matrix circuit between said transparent substrates.

11. The unit of ~~claim 10~~ wherein said electro-optical modulating layer comprises a liquid crystal.

12. The unit of ~~claim~~ 10 wherein said electro-optical modulating layer comprises an EL.

*Subt
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13. An electro-optical unit of a vehicle comprising:
a pair of transparent substrates comprising a resin,
each of said transparent substrates having a curved
surface; and
an electro-optical modulating layer provided between
said transparent substrates to provide said vehicle with a
front glass comprising said electro-optical modulating
layer and said transparent substrates,
wherein information is displayed on said front glass.

14. The unit of claim 13 further comprising an active
matrix circuit between said transparent substrates.

15. The unit of ~~claim~~ 14 wherein said electro-optical
modulating layer comprises a liquid crystal.

16. The unit of ~~claim~~ 14 wherein said electro-optical
modulating layer comprises an EL.

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a4*

17. An electro-optical unit of a vehicle comprising:

a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said vehicle with a front glass comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said front glass.

18. The unit of claim 17 further comprising an active matrix circuit between said transparent substrates.

19. The unit of claim 18 wherein said electro-optical modulating layer comprises a liquid crystal.

20. The unit of claim 18 wherein said electro-optical modulating layer comprises an EL.

Sub A5 21. An electro-optical unit of an airplane comprising:
a pair of transparent substrates comprising a resin,
each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said airplane with a

front glass comprising said electro-optical modulating layer and said transparent substrates, wherein information is displayed on said front glass.

22. The unit of claim 21 further comprising an active matrix circuit between said transparent substrates.

23. The unit of claim 22 wherein said electro-optical modulating layer comprises a liquid crystal.

24. The unit of claim 22 wherein said electro-optical modulating layer comprises an EL.

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a6* 25. An electro-optical unit of an airplane comprising:
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said airplane with a front glass comprising said electro-optical modulating layer and said transparent substrates, wherein information is displayed on said front glass.

26. The unit of claim 25 further comprising an active matrix circuit between said transparent substrates.

27. The unit of ~~claim~~ 26 wherein said electro-optical modulating layer comprises a liquid crystal.

28. The unit of ~~claim~~ 26 wherein said electro-optical modulating layer comprises an EL.

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29. An helmet comprising:

a pair of transparent substrates comprising a resin, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said helmet with a shield comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said shield.

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30. The helmet of ~~claim~~ 29 wherein said information comprises a speed.

31. The helmet of claim 29 wherein said helmet is used for an auto-bicycle.

32. The helmet of claim 29 further comprising an active matrix circuit between said transparent substrates.

33. The helmet of claim 32 wherein said electro-optical modulating ~~layer~~ comprises a liquid crystal.

34. The helmet of claim 32 wherein said electro-optical modulating layer comprises an EL.

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35. An helmet comprising:
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

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an electro-optical modulating layer provided between said transparent substrates to provide said helmet with a shield comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said shield.

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36. The helmet of claim 35 wherein said information comprises a speed.

37. The helmet of claim 35 wherein said helmet is used for an auto-bicycle.

38. The helmet of claim 35 further comprising an active matrix circuit between said transparent substrates.

39. The helmet of claim 38 wherein said electro-optical modulating layer comprises a liquid crystal.

40. The helmet of claim 38 wherein said electro-optical modulating layer comprises an EL.

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41. A vehicle comprising:

a pair of transparent substrates comprising a resin, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said vehicle with a front glass comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said front glass.

42. The vehicle of claim 41 further comprising an active matrix circuit between said transparent substrates.

43. The vehicle of claim 42 wherein said electro-optical modulating layer comprises a liquid crystal.

44. The vehicle of claim 42 wherein said electro-optical modulating layer comprises an EL.

sub a10 45. A vehicle comprising:

a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said vehicle with a front glass comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said front glass.

46. The vehicle of claim 45 further comprising an active matrix circuit between said transparent substrates.

47. The vehicle of claim 46 wherein said electro-optical modulating layer comprises a liquid crystal.

48. The vehicle of claim 46 wherein said electro-optical modulating layer comprises an EL.

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49. An airplane comprising:

a pair of transparent substrates comprising a resin, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said airplane with a front glass comprising said electro-optical modulating layer and said transparent substrates,

wherein information is displayed on said front glass.

50. The airplane of claim 49 further comprising an active matrix circuit between said transparent substrates.

51. The airplane of claim 50 wherein said electro-optical modulating layer comprises a liquid crystal.

52. The airplane of claim 50 wherein said electro-optical modulating layer comprises an EL.

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53. An airplane comprising:

a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

an electro-optical modulating layer provided between said transparent substrates to provide said airplane with a front glass comprising said electro-optical modulating layer and said transparent substrates, wherein information is displayed on said front glass.

54. The airplane of claim 53 further comprising an active matrix circuit between said transparent substrates.

55. The airplane of claim 54 wherein said electro-optical modulating layer comprises a liquid crystal.

56. The airplane of claim 54 wherein said electro-optical modulating layer comprises an EL.

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